Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 01 Aug 2022 until 23:59 on Tuesday 02 Aug 2022

Forecast Issued on Monday 01 Aug 2022 at 02:47

Confidence: High for a dry start to the week but turning wet by Monday night introducing an unsettled period into midweek with strong winds, rain or showers and hill fog.

Headline for Monday 01 Aug 2022: Fine and bright for much of the day, but rain arriving during the evening with strengthening winds.

Mountain weather hazards on Monday 01 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny intervals	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
10%	<05%	<05%	<05%	20%	60%

Forecast for Monday 01 Aug 2022

Weather: Early cloud will clear away quickly, followed by a fine day with plenty of sunny spells. Sunshine will become hazy into the afternoon as high cloud arrives from the west, thickening later, with rain arriving during the evening and strengthening winds.

Chance of cloud-free hill tops above 600m: 95%, decreasing to 60% during the evening.

Low cloud and visibility: No significant low cloud expected during most of the day. Cloud thickening and lowering during the evening however with patches of cloud above around 400-500m spreading in from the west after dusk, and patches down to 300-400m for western slopes. Generally very good visibilities but locally moderate in evening rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 01 Aug 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 SW	8/12 W	11/16 W	13/18 SW	14/21 SW	17/24 SW	24/34 SW
300	5/6 S	5/8 W	8/12 W	10/16 SW	9/16 SW	13/21 SW	17/27 SW
Valley	2/4 SE	3/6 W	6/12 W	8/15 SW	8/19 SW	9/20 SW	11/25 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	12/10	14/12	17/14	17/14	14/11	14/10
300	11/11	14/14	17/16	20/17	20/18	16/14	16/14
Valley	12/12	15/15	18/17	21/19	20/19	17/16	17/15
Freezing Level*	2000m	1900m	1900m	2300m	3300m	3600m	3900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Early brightness giving the risk of some high UV levels and adequate sun protection is advised. Be aware that light winds will gradually strengthen through the day with some strong winds possible on the highest summits by the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 01 Aug 2022	9.6mm	16.8mm	17.2mm

Forecast for Tuesday 02 Aug 2022

Weather: After a wet night with extensive lower cloud, it will remain windy, overcast and wet throughout much of the day. The rain will be heaviest and most persistent during the morning, turning lighter and more intermittent during the afternoon with some brightness likely at times.

Maximum wind: South-westerly 25-30mph gusting up to 40mph.

Chance of cloud-free hill tops above 600m: 20% becoming 50% during the afternoon.

Low cloud and visibility: Widespread and extensive cloud above 400-600m. Thinning layers of cloud to the north and east of major summits during the afternoon with cloud bases lifting to 500-700m and breaking up at times. Widely poor visibility in rain and drizzle with extensively very poor visibility in cloud during the morning, but becoming locally good during the afternoon, particularly in the north and east.

Temperature: **Valleys:** 21 C
At 600m: 18 C
Freezing level: Above the summits

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